



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., August 23, 2010

21-10

AGRICULTURAL NEWS: Rain and cooler weather were received over much of the state last week. Over the weekend, western Kentucky also received much needed rainfall. All weather stations reported receiving some precipitation over the past week. Temperatures averaged 6 degrees cooler than the previous week, ranging from 92 degrees in the west to 84 degrees in the east. **Topsoil moisture** was rated as 32 percent very short, 33 percent short, 34 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated as 37 percent very short, 33 percent short and 30 percent adequate. There were 5.7 days out of a possible 7 that were suitable for fieldwork. Main farm activities last week included topping, cutting and housing tobacco, spraying, shelling corn in some of the driest areas, and other general farm work.

ROW CROPS: The corn crop continues to run ahead of normal. One-third of the corn acreage was considered mature, ahead of the 4 percent for the previous year and the five year average of 22 percent. Seventy-eight percent of the corn acreage was in the dent stage, ahead of both the previous year at 48 percent and the five year average of 61 percent. Corn dough was 90 percent, ahead of the 71 percent for 2009 and the five year average of 85 percent. Condition of the corn crop was rated 6 percent very poor, 17 percent poor, 34 percent fair, 34 percent good, and 9 percent excellent. Corn is being harvested in areas where it has been very dry. Reports received have noted that yields are highly variable. Ninety percent of the soybeans were setting pods, well ahead of both last year and the five year average at 77 percent. Soybean crop condition was reported as 10 percent very poor, 25 percent poor, 37 percent fair, 22 percent good, and 6 percent excellent. Moisture is greatly needed at this stage for adequate pod-fill. In some areas double-cropped soybeans may be cut for hay instead of beans if conditions do not substantially improve.

TOBACCO: Tobacco conditions in the field were reported as 3 percent very poor, 11 percent poor, 33 percent fair, 38 percent good and 15 percent excellent. As of August 22, 25 percent of the dark tobacco and 27 percent of the burley was cut. Burley was 83 percent topped, which compares to 79 percent topped a year ago and 80 percent for the average.

OTHER CROPS AND PASTURE: Recent rains should help maintain pastures and hay. Pastures were rated as 15 percent very poor, 23 percent poor, 23 percent fair, 34 percent good, and 5 percent excellent. Hay crop condition was rated 6 percent very poor, 18 percent poor, 27 percent fair, 40 percent good, and 9 percent excellent.

CROP PROGRESS for week ending 08/22/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dough	90	80	71	85
Corn Dent	78	66	48	61
Corn Mature	33	NA	4	22
Soybeans Setting Pods	90	81	77	77
Burley Tobacco Topped	83	72	79	80
Burley Tobacco Cut	27	15	19	27
Dark Tobacco Cut	25	11	10	22

SOIL MOISTURE for week ending 08/22/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	32	33	34	1
Subsoil	37	33	30	0

CROP CONDITIONS for week ending 08/22/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	6	17	34	34	9
Soybeans	10	25	37	22	6
Pasture	15	23	23	34	5
Hay Crops	6	18	27	40	9
Tobacco	3	11	33	38	15

KENTUCKY WEATHER SUMMARY, AUGUST 16 - 22, 2010:

Above Normal Temperature and Above Normal Rainfall:

This past week the south central and southeastern parts of the state received some heavy rainfall. The rain moved in on Wednesday giving a few locations record rainfall, one of which was Glasgow which received over 5 inches. More showers moved in over the weekend from a cold front, which gave the Western climate division some much needed rainfall. High temperatures last week were considerably cooler than the previous few weeks, with most days topping out in the 80s central and east.

Temperatures for the period averaged 78 degrees across the state which was 4 degrees above normal and 6 degrees cooler than the previous week. High temperatures averaged from 92 in the West to 84 in the East. Departure from normal high temperatures ranged from 5 degrees above normal in the West to 0 degrees from normal in the East. Low temperatures averaged from 69 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the period totaled 1.33 inches statewide which was 0.48 inches above normal. Rainfall totals by climate division, West 0.59 inches, Central 1.90 inches, Bluegrass 0.50 inches and East 2.32 inches, which was -0.20, +1.05, -0.36 and +1.45 inches respectively from normal. By station, rainfall totals ranged from a low of 0.11 inches at Spindletop to a high of 5.58 inches at Glasgow.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 22, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)						(Degrees Fahrenheit)				
Bardstown	0.24	21.76	4.66	+1.96	+0.90	91	63	76.9	+3	181	3157	+482
Berea	0.99	23.72	1.50	+3.45	-2.19	88	61	74.4	+1	168	2986	+227
Bowling Green	4.32	30.51	7.36	+9.85	+3.95	91	65	80.4	+7	199	3348	+559
Bristol	4.34	15.12	6.64	-2.19	+3.55	92	65	77.2	+4	182	3023	+470
Buckhorn Lake	2.81	20.81	5.86	+1.37	+2.33	87	61	74.8	+2	172	2925	+507
Cape Girardeau	0.42	16.87	1.66	-2.24	-1.50	95	59	80.9	+5	192	3338	+404
Campbellsville	0.89	27.44	4.75	+4.74	+0.47	88	61	75.3	+2	173	3078	+349
Covington	0.13	18.26	1.15	-0.23	-2.05	93	61	76.7	+4	178	2996	+472
Cumberland Gap	4.28	23.39	6.75	+1.90	+2.66	89	67	77.9	+5	190	3119	+596
Dix Dam	1.41	25.64	4.55	+5.28	+0.82	89	61	75.4	+2	173	3067	+370
Evansville	0.50	13.21	1.30	-5.30	-1.69	96	63	81.3	+6	192	3272	+482
Glasgow	5.58	29.26	9.09	+6.88	+5.20	89	64	77.3	+4	185	3231	+532
Grayson	0.16	25.63	2.51	+6.38	-1.09	87	61	74.2	+1	167	2922	+543
Hardinsburg	0.25	19.57	1.66	-0.85	-1.95	94	61	78.6	+5	188	3154	+365
Henderson	0.45	14.86	0.85	-4.08	-2.19	96	61	79.1	+4	183	3177	+357
Huntington	0.24	23.08	3.28	+3.79	-0.47	89	63	75.6	+3	175	3038	+484
Jackson	1.55	22.25	4.17	+1.75	+0.31	87	63	75.5	+3	176	3081	+663
Lexington	0.18	23.69	1.41	+3.89	-2.35	91	62	76.1	+3	174	3069	+515
London	4.56	23.02	7.11	+4.11	+3.84	88	62	76.6	+4	183	3088	+565
Louisville	0.73	23.78	3.50	+4.45	+0.11	94	68	81.2	+7	203	3476	+664
Mayfield	0.40	17.91	5.98	-2.73	+2.39	94	64	80.7	+5	193	3310	+460
Nashville	5.09	38.10	8.39	+18.85	+5.17	93	66	80.8	+7	198	3443	+457
Nolin Lake	0.26	24.17	4.43	+2.53	+0.79	89	61	76.6	+3	180	3119	+535
Paducah	1.03	14.32	1.62	-6.24	-1.56	97	64	81.9	+6	193	3372	+469
Princeton	0.72	23.54	2.87	+2.79	-0.81	94	64	79.6	+4	193	3305	+433
Quicksand	1.93	19.73	4.73	-0.77	+0.87	90	65	76.8	+4	180	3042	+624
Somerset	3.07	27.89	6.48	+6.56	+2.75	89	62	76.1	+3	177	3033	+419
Spindletop	0.11	22.22	2.05	+2.42	-1.71	90	62	75.6	+3	174	3074	+520
Williamstown	0.18	20.89	0.82	+1.38	-2.70	92	61	76.3	+3	178	2972	+418

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>